



# AESCULAP® Special Endoscopic Instruments

Laparoscopy - Urology - Gynaecology

# AESCULAP® Special Endoscopic Instrumentation

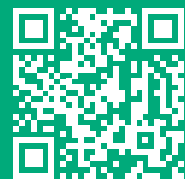


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<https://endoscopy.bbraun.com>



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# AESCULAP® Special Endoscopic Instrumentation

## for Laparoscopy

### Insufflation needles

| Article No. | Description                                                                          | Diameter | Shaft Length |
|-------------|--------------------------------------------------------------------------------------|----------|--------------|
|             | Reusable                                                                             |          |              |
|             | VERESS<br>Insufflation needle                                                        |          |              |
| PG003       |     | 2.1 mm   | 100 mm       |
| PG008       |    | 2.1 mm   | 100 mm       |
| PG011       |  | 2.1 mm   | 150 mm       |

| Article No. | Description                                                                         | Diameter | Shaft Length |
|-------------|-------------------------------------------------------------------------------------|----------|--------------|
|             | Single use                                                                          |          |              |
|             | VERESS<br>Insufflation needle, Pack of 10 pieces                                    |          |              |
| EJ995       |   | 2.1 mm   | 120 mm       |
| EJ996       |  | 2.1 mm   | 150 mm       |



# AESCULAP® Special Endoscopic Instrumentation

## for Laparoscopy

### Trocars and accessories

| Article No. | Description                                                                               | Diameter | Shaft Length |
|-------------|-------------------------------------------------------------------------------------------|----------|--------------|
| EJ475       | Recovery trocar<br>including EJ475811 triangular obturator and EJ475812 conical obturator | 20 mm    | 110 mm       |
|             |                                                                                           |          |              |



For more information  
please see our brochures  
no. C62102 and C35702.

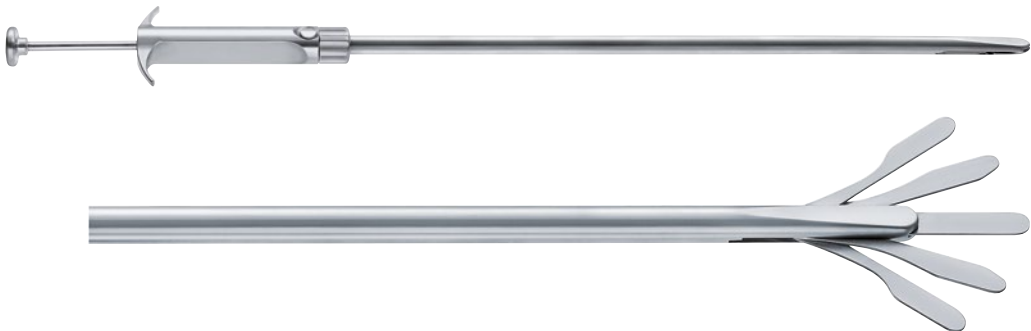
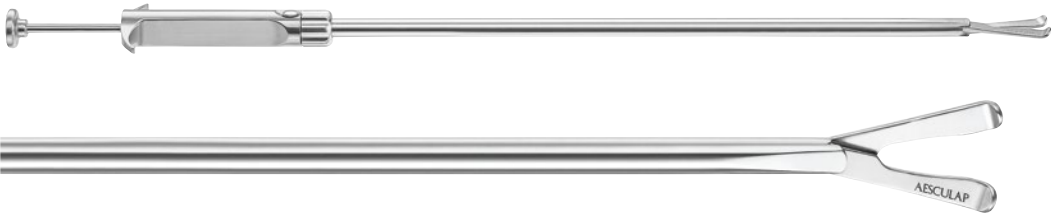
| Article No.                                                                        | Description | Diameter | Guide  | Length | Sealing caps                                                                          |                               |
|------------------------------------------------------------------------------------|-------------|----------|--------|--------|---------------------------------------------------------------------------------------|-------------------------------|
| Reducing sleeves                                                                   |             |          |        |        |                                                                                       |                               |
|  |             |          |        |        |                                                                                       |                               |
| PL650R                                                                             |             | 5 mm     | 4.5 mm | 150 mm |    | PL650250<br>Pack of 20 pieces |
| EJ601R                                                                             |             | 10 mm    | 5.5 mm | 165 mm |    | EJ601250<br>Pack of 20 pieces |
| EJ602R                                                                             |             | 13 mm    | 5.5 mm | 165 mm |   | EJ602203<br>Pack of 1 piece   |
| EJ604R                                                                             |             | 13 mm    | 10 mm  | 165 mm |  | EJ645P<br>Pack of 20 pieces   |
| EJ614R                                                                             |             | 20 mm    | 10 mm  | 190 mm |  | EJ624P<br>Pack of 10 pieces   |

| Article No.                                                                          | Description | from Diameter | ↔ | to Diameter | Sealing caps                                                                          |                               |
|--------------------------------------------------------------------------------------|-------------|---------------|---|-------------|---------------------------------------------------------------------------------------|-------------------------------|
| Dilatation Set                                                                       |             |               |   |             |                                                                                       |                               |
|  |             |               |   |             |                                                                                       |                               |
| EJ477R                                                                               |             | 5.5 mm        |   | 10 mm       |  | EJ477250<br>Pack of 20 pieces |
| EJ480R                                                                               |             | 10 mm         |   | 20 mm       |  | EJ614250<br>Pack of 20 pieces |
| EJ482R                                                                               |             | 10 mm         |   | 15 mm       |  | EJ021200<br>Pack of 1 piece   |

# AESCULAP® Special Endoscopic Instrumentation

## for Laparoscopy

### Retraction instruments

| Article No.                                                                          | Description        | Diameter | Shaft Length |
|--------------------------------------------------------------------------------------|--------------------|----------|--------------|
| Retraction instruments for holding away organs and tissue structures                 |                    |          |              |
| PL680R                                                                               | Fan retractor      | 10 mm    | 400 mm       |
|   |                    |          |              |
| PL682R                                                                               | Prostate retractor | 10 mm    | 370 mm       |
|  |                    |          |              |



## Suction and irrigation instruments

| Article No.                                             | Description                                                                        | Diameter | Shaft Length |
|---------------------------------------------------------|------------------------------------------------------------------------------------|----------|--------------|
| Suction and irrigation tubes for use with Y-distributor |                                                                                    |          |              |
| GF320R                                                  | Suction irrigation tube with finger interrupter                                    | 5 mm     | 330 mm       |
|                                                         |  |          |              |
| GF321R                                                  | Suction irrigation tube without finger interrupter                                 | 5 mm     | 330 mm       |
|                                                         |  |          |              |

| Article No. | Description                                                                          | Diameter | Shaft Length |
|-------------|--------------------------------------------------------------------------------------|----------|--------------|
| SR550R      | Puncture needle with finger interrupter, distal tip diam. 2 mm                       | 5 mm     | 330 mm       |
|             |  |          |              |
| SR551R      | Puncture needle without finger interrupter, distal tip diam. 2 mm                    | 5 mm     | 330 mm       |
|             |  |          |              |

| Article No.                                                                                                                                                        | Description                                                                          | Diameter | Shaft Length |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|--------------|
| Suction and irrigation instruments for use with <ul style="list-style-type: none"> <li>▪ Irrigation bags</li> <li>▪ Suction pumps for use in operations</li> </ul> |                                                                                      |          |              |
| PG027R                                                                                                                                                             | Suction irrigation tube with two-way-stopcock, for single hand control               | 5 mm     | 330 mm       |
|                                                                                                                                                                    |  |          |              |
| PG028R                                                                                                                                                             | Suction irrigation tube                                                              | 3.5 mm   | 310 mm       |
|                                                                                                                                                                    |  |          |              |

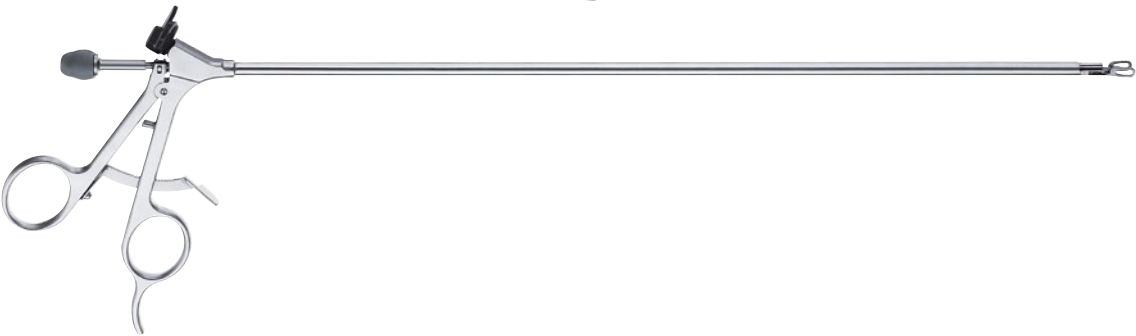
# AESCULAP® Special Endoscopic Instrumentation

## for Laparoscopy

### Accessories

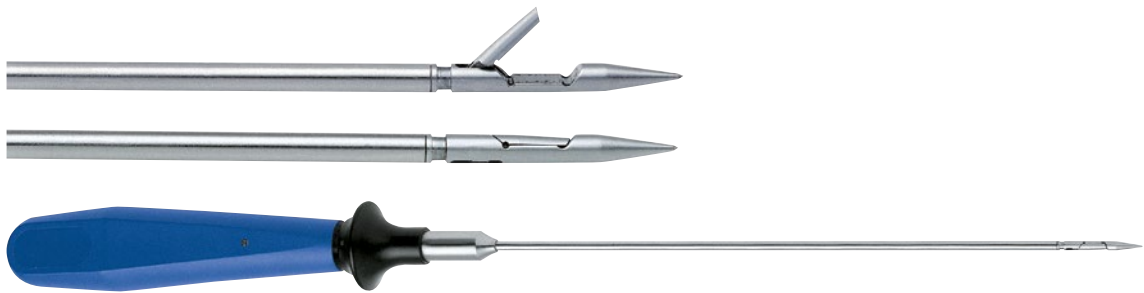
| Article No. | Description                                                                                                                                 | Diameter | Shaft Length |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|
| BN320R      | Exploratory probe with retention function and scaling<br> | 5 mm     | 400 mm       |
| BN321R      | Exploratory probe with retention function and scaling<br> | 5 mm     | 500 mm       |
| BN322R      | Exploratory probe with scaling<br>                        | 3.5 mm   | 400 mm       |

| Article No. | Description                                                                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | <i>Gall bladder extractor for assisting the removal process, extends the abdominal access.</i>                                                                                   |
| BV941R      | Gall bladder extractor with 3 blades (blade length: 55 mm)<br>for use with a 10 mm trocar<br> |

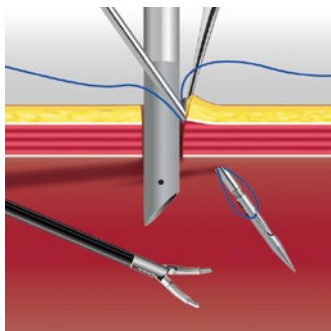
| Article No. | Description                                                                                                                                                                                                                                                                                                                                 | Diameter | Shaft Length |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|
| PL100R      | Cholangiography clamp,<br>catheter guide char. 5, Colour coding: grey<br><br><br> | 5 mm     | 330 mm       |

## Endoscopic suture instruments

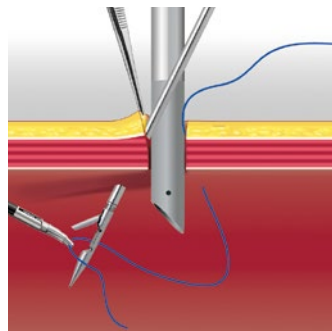
| Article No. | Description                                                                                                                                                                      | Diameter | Length |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| PL162R      | Fascial suture instrument for subcutaneous closure of trocar incisions.<br>Reduces the risk of postoperative hernias when using trocars with diam. $\geq 10$ mm <sup>1,2</sup> . | 2.5 mm   | 170 mm |



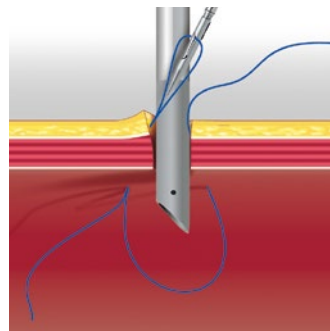
|        |                                                                            |
|--------|----------------------------------------------------------------------------|
| PL163R | Shaft only for PL162R consisting of: outer tube, inner tube and jaw insert |
|--------|----------------------------------------------------------------------------|



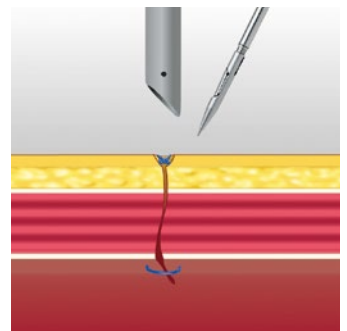
**Pic. 1:**  
The suture material hold by the jaw part of the instrument will be placed under endoscopic visual control through all subcutaneous tissue layers into the abdominal cavity.



**Pic. 2 and 3:**  
The suture material will then be grasped by a holding forceps. The instrument will be introduced into the abdominal cavity in the same way at the opposite of the first approach.



The suture material is being grasped by the fascial closure instrument and pulled through all tissue layers.



**Pic. 4:**  
The trocar is being removed and the tightened suture material closed by conventional knot technique.

<sup>1</sup> Comajuncosas J, Vallverdu H, Orbeal R, Pares D. Trocar site incisional hernia in laparoscopic surgery. CIR ESP. 2011 Feb;89(2):72-6.

<sup>2</sup> Uslu HY, Erkek AB, Cakmak A, Kepenekci, Sozener U, Kocaay FA, Turkcapar AG, Kuterdem E. Trocar site hernia after laparoscopic cholecystectomy. J Laparoendosc Adv Surg Tech A. 2007 Oct;17(5):600-3.

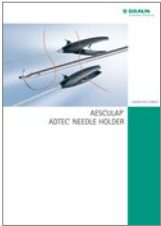
# AESCULAP® Special Endoscopic Instrumentation

## for Laparoscopy

### Endoscopic suture instruments

| Article No.                                                                          | Description                                                                                                                                                                                  | Diameter                      | Length |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------|
| PL650R                                                                               | Applicator for suture and ligature instruments<br>for application of Roeder loops                                                                                                            | outside 5 mm<br>inside 4.5 mm | 150 mm |
|     |                                                                                                                                                                                              |                               |        |
| PL650250                                                                             | Sealing Cap (Pack of 20 pcs.)                                                                                                                                                                |                               |        |
| PL651R                                                                               | Knot guide instrument<br>e.g. for Roeder knots (loops)                                                                                                                                       | 5 mm                          | 310 mm |
|  |                                                                                                                                                                                              |                               |        |
| P0193R                                                                               | Suture hook for intracorporal tightening of the suture line by pulling<br>on the suture throws in case of continuous anastomosis i.e. aortic or<br>gastro-intestinal surgery acc. to Massoud | 5 mm                          | 330 mm |
|  |                                                                                                                                                                                              |                               |        |

| Article No. | Description   | Diameter | Length |
|-------------|---------------|----------|--------|
| PL406R      | Anvil Grasper | 10 mm    | 370 mm |

For more information please  
see our brochure no. C00411.

| Article No. | Description                                        | Diameter | Total length | Working length |
|-------------|----------------------------------------------------|----------|--------------|----------------|
| BB060R      | Scalpel handle for knife blades, blade retractable | 5 mm     | 450 mm       | 310 mm         |



# AESCULAP® Special Endoscopic Instrumentation

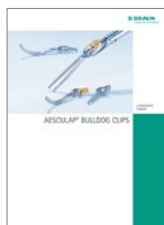
## for Laparoscopy

### Intestinal clip and Bulldog Clips

| Article No.                                                                          | Description                                                                                            | Diameter                                                                              | Shaft Length |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------|
| PL530R                                                                               | Applier/ Removal forceps for intestinal clip and Bulldog Clips, clip can be angled in the jaw part.    | 12.5 mm                                                                               | 350 mm       |
|    |                                                                                                        |                                                                                       |              |
| PL531R                                                                               | Applier/ Removal forceps for intestinal clip and Bulldog Clips, clip cannot be angled in the jaw part. | 12.5 mm                                                                               | 350 mm       |
|  |                                                                                                        |                                                                                       |              |
| PL664200                                                                             | Rotation Knob for Clip Applier                                                                         |  |              |
| EJ751251                                                                             | Sealing cap<br>luer lock connection, Pack of 20 pieces                                                 |  |              |

| Article No.                                                                       | Description                                                                                                                                                 | Closing force | Jaws length | Jaws shape | Color code |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|------------|------------|
|  | Intestinal Clip                                                                                                                                             |               |             |            |            |
|                                                                                   | Atraumatic intestinal clip according to MEYER, for temporary occlusion of the jejunum and colon. Two clips can be applied towards one another if necessary. |               |             |            |            |
| PL541S                                                                            |                                                                            | 3.94 N        | 70 mm       | straight   | gold       |

| Article No.                                                                         | Description                                                                                                                                  | Closing force | Jaws length | Jaws shape | Color code |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|------------|------------|
|  | Atraumatic Bulldog Clips (temporary) with DE BAKEY serrations. Venous Bulldog Clips with reduced closing force are marked at the end (gold). |               |             |            |            |
| PL542S                                                                              |                                                           | 2.45 N        | 25 mm       | straight   | gold       |
| PL543S                                                                              |                                                                                                                                              | 2.94 N        | 45 mm       | straight   | gold       |
| PL544S                                                                              |                                                                                                                                              | 3.43 N        | 25 mm       | straight   | -          |
| PL545S                                                                              |                                                                                                                                              | 4.41 N        | 45 mm       | straight   | -          |
| PL546S                                                                              |                                                           | 2.45 N        | 25 mm       | curved     | gold       |
| PL547S                                                                              |                                                                                                                                              | 2.94 N        | 45 mm       | curved     | gold       |
| PL548S                                                                              |                                                                                                                                              | 3.43 N        | 25 mm       | curved     | -          |
| PL549S                                                                              |                                                                                                                                              | 4.41 N        | 45 mm       | curved     | -          |



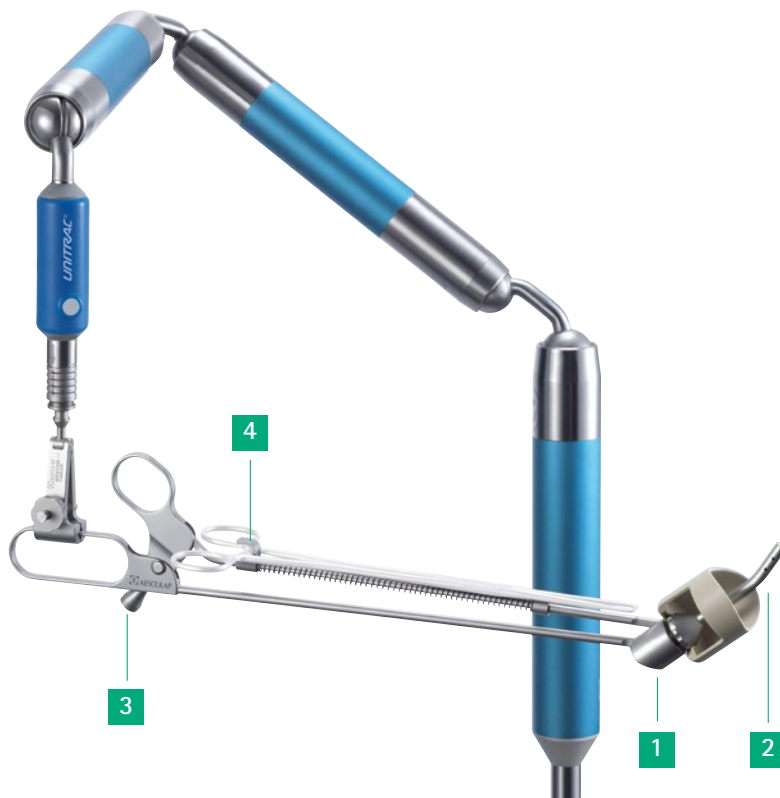
For more information please  
see our brochure no. C61111.



# AESCULAP® Special Endoscopic Instrumentation

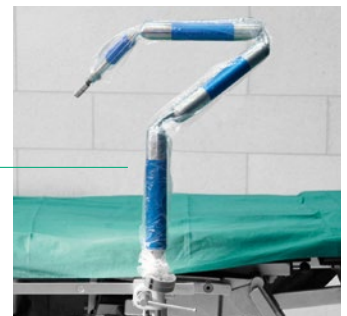
## for Gynaecology

### Rotulating uterus manipulator

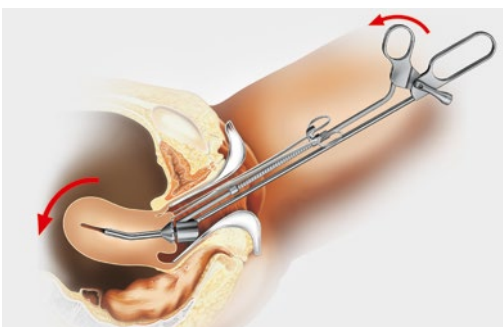
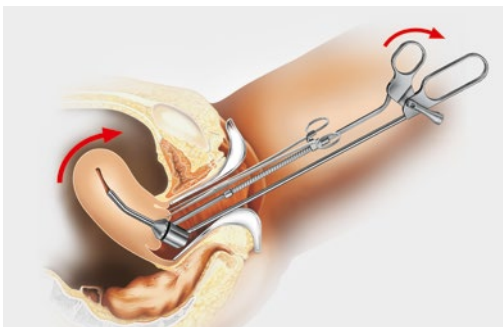


#### Properties:

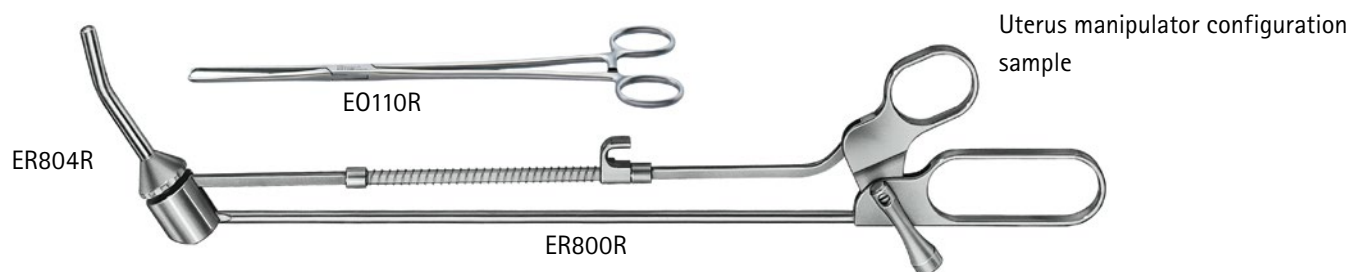
- 1 Distally flexible (up to 90 degrees) replaceable attachments that can be inserted into the cervical canal; some models have lateral irrigation inlets.
- 2 The attachments can be adapted to the size of the patient's uterus.
- 3 Lock for fixation and deflection.
- 4 Spring-loaded mounting for Portio clamps EO125R or EO110R, The hooked forceps supports the fixation of the manipulator.
- 5 Aesculap Unitrac® holding arm (RT040), use only with sterile drape, e.g. JG901.



### Application



- Various attachments, some with lateral irrigation inlets, allow for adequate adaptation of the uterus manipulator to the size of the patient's uterus and for injection of dye or contrast medium.
- The manipulator is designed to fix with hooked forceps.
- Uterus position can be manipulated during laparoscopic removal of the uterus by the surgeon.
- Enables the rotation and deflection of the uterus in the pelvis during laparoscopic uterine surgery.
- A plastic bell jar can be fixed over the uterus probe for the definition of the cutting edge between the uterus and the vagina during total laparoscopic hysterectomy (TLH).



| Article No. | Description                                                           |  |  |  |
|-------------|-----------------------------------------------------------------------|--|--|--|
| ER800R      | Uterus manipulator, alone, for use with portio clamp EO110R or EO125R |  |  |  |

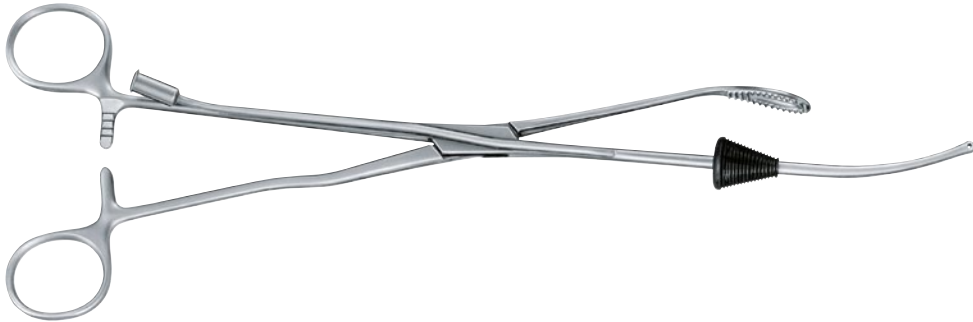
  

| Article No.                          | Description                                      |                                                                                      | Diameter | Length |
|--------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------|----------|--------|
| Uterus probe with conical attachment |                                                  |                                                                                      |          |        |
| ER801R                               | With flush port for contrast media               |   | 3 mm     | 45 mm  |
| ER802R                               | With flush port for contrast media               |  | 6.5 mm   | 60 mm  |
| ER803R                               | With flush port for contrast media, rotated 180° |  | 6.5 mm   | 60 mm  |
| ER804R                               | Without flush port                               |  | 6.5 mm   | 75 mm  |
| ER805R                               | Without flush port                               |  | 6.5 mm   | 90 mm  |
| ER806P                               | Plastic cup                                      |   | 35 mm    |        |
| ER807P                               | Plastic cup                                      |   | 45 mm    |        |
| TA006874                             | Cleaning brush for working channel               |                                                                                      |          |        |
| TE654202                             | Cleaning brush for probes                        |                                                                                      |          |        |
| PL430R                               | Myoma drill                                      |  | 5 mm     | 310 mm |
| PL431R                               | Myoma drill                                      |  | 8 mm     | 310 mm |

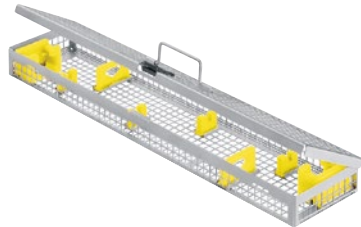
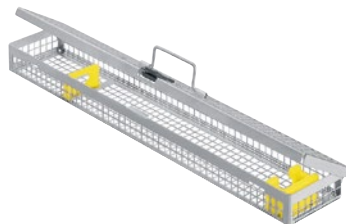
# AESCULAP® Special Endoscopic Instrumentation

## for Gynaecology

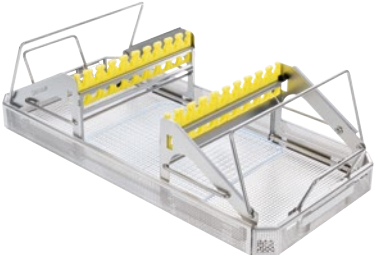
### Special Instruments

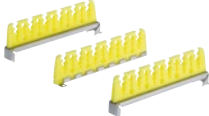
| Article No. | Description                                                                          | Diameter | Length |
|-------------|--------------------------------------------------------------------------------------|----------|--------|
| ER840R      | Atraumatic uterus grasping forceps                                                   |          |        |
|             |    |          |        |
| SR553R      | Injection cannula, sharp, distal tip diam. 2 mm                                      | 5 mm     | 450 mm |
|             |  |          |        |
| SR554R      | Injection cannula, straight, distal tip diam. 0.8 mm                                 | 5 mm     | 370 mm |
|             |  |          |        |

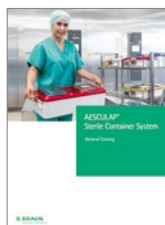
### Storage Systems

| Article No. | Trays for endoscopes                                       |                                                                                       |
|-------------|------------------------------------------------------------|---------------------------------------------------------------------------------------|
| JF433R      | Trays for two rigid endoscopes,<br>Size: 454 x 104 x 41 mm |  |
| JF431R      | Trays for one rigid endoscope,<br>Size: 454 x 104 x 41 mm  |  |

## Storage Systems

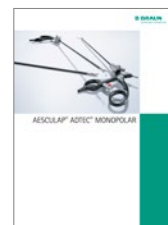
| Article No. | Storage rack set for MIS instruments, standard                                                                                                                   | Article No.              | Container for storage rack set PL960R                                              |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------|
|             |                                                                                 |                          |  |
|             | consisting of:<br>Storage rack, standard, perforated tray and<br>silicon mat for instruments with shaft length<br>up to 370 mm<br>Dimensions: 540 x 253 x 166 mm | <b>JK444 +<br/>JK489</b> | JK444 bottom and JK489 lid<br>External dimensions: 592 x 285 x 205 mm              |

| Article No.   | Description                                                        |                                                                                       |
|---------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|               | <b>Single Parts</b>                                                |                                                                                       |
| <b>PL963R</b> | Storage rack, standard<br>Dimensions: 487 x 250 x 153 mm           |  |
| <b>PL962R</b> | Trocar storage set<br>Universal silicone storage racks for trocars |  |
| <b>JG300</b>  | Fixation pin<br>10 pins / pack                                     |  |
| <b>JF938</b>  | Silicone mesh mat<br>Dimensions: 240 mm x 250 mm                   |  |



Complete Aesculap Sterile Container  
System see brochure C40402.

For more information please  
see our brochure no. C76602.



# AESCULAP® – a B. Braun brand

Aesculap AG | Am Aesculap-Platz | 78532 Tuttlingen | Germany  
Phone +49 7461 95-0 | [www.bbraun.com](http://www.bbraun.com)

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